

IN THE CLAIMS

Claims 1-26 (canceled)

Add the following claims:

-27 (currently amended). A process for obtaining polyglycolyl urea resin from aromatic diglycinate for insulating electric conductor, in the absence of HCN polluting residues, comprising the following steps:

A) preparing a methyl diglycinate:

- (i) reacting a mixture of methylhaloester and methylenedianiline in the presence of C₁—C₄ aliphatic solvent under reflux conditions at atmospheric pressure at a solvent reflux temperature of 58 – 63°C, wherein said methylhaloester is selected from the group consisting of methylbromopropionate [[or]] methylchloropropionate;
- (ii) adding triethylamine, at a rate of 0.178 l/hr. per Kg of [[reactants]] product;
- (iii) separating the solvent through atmospheric distillation until 40% of its initial volume is recovered;
- (iv) cooling the reaction solution [[at]] to 20 °C under stirring and then adding [[the drinking]] water at a volume adequate to dissolve a halogen [[bromine]] salt obtained;

(v) filtering and purifying the diglycinate by washing with water;

(vi) drying the methyl diglycinate obtained; and

B) preparing polyglycolyl urea resin:

(i) stirring together a suspension of cresylic acid and said methyl diglycinate in a reactor at room temperature, stirring until a solution is formed;

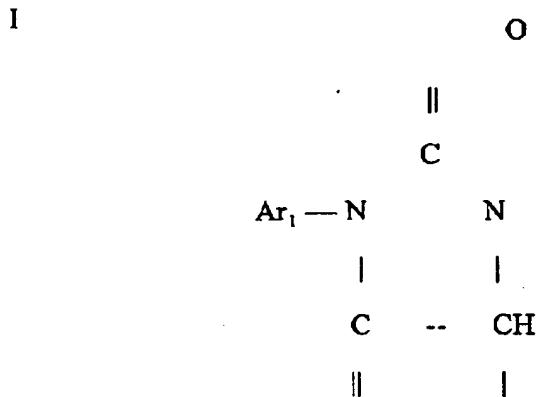
(ii) adding methylene diisocyanate under constant stirring to said solution of said cresylic acid and methyl diglycinate, and keeping temperature of said solution from rising above 60 °C;

(iii) adding a catalyst to said solution of ii);

(iv) raising the temperature of the solution up to 200° C.;

(v) distilling and then cooling the reaction product; and

(vi) recovering the polyglycolyl urea resin [[having the formula I:





n

where Ar_1 is a substitute aromatic compound, and $2 < n < 500$].

28. (canceled).

29. (currently amended) The process according to claim 27 wherein the mixture reflux is conducted for [up to] 19 hours

30. (canceled)

31. (canceled)

32. (previously amended) The process according to claim 27 wherein the resin obtained is cooled to a temperature of 70°C

33. (currently amended) The process according to claim 27 wherein the catalyst in step B(iii) is [[selected from the group consisting of triethylenediamino octane and]] 1,4 diazobicyclo (2,2,2) octane.

34. (previously amended.) The process according to claim 27 wherein the polyglycolyl urea resin obtained has viscosity (Cp) of 4,800 at 15% solids at 70°C..

35. (previously added) The process according to claim 27, wherein the C_1 — C_4 aliphatic is methanol.

36. (currently amended) The process according to claim 27, wherein the aromatic diglycinate is a methyl diglycinate that corresponds to a stereoisomer mixture having a melting point of 95 – 116°C [[and having the following formula II:

II $\text{CH}_2\text{Ar}_1[\text{NH}-(\text{CH}_3)-\text{COOCH}_3]_2$

wherein Ar_1 represents aromatic rings]].